

INITIAL STATEMENT OF REASONS
FOR
PROPOSED BUILDING STANDARDS
OF THE
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

REGARDING THE CALIFORNIA BUILDING CODE,
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2

CHAPTER 12
INTERIOR ENVIRONMENT

The Administrative Procedure Act (APA) requires that an Initial Statement of Reasons be available to the public upon request when rulemaking action is being undertaken. The following information required by the APA pertains to this particular rulemaking action:

STATEMENT OF SPECIFIC PURPOSE AND RATIONALE:

OVERVIEW

The Office of Statewide Health Planning and Development OSHPD is mandated to adopt the most recent edition of model code, as amended by the Office, pursuant to Health and Safety Code Section 18928. This rulemaking represents OSHPD's proposal to adopt the 2006 International Building Code (IBC) published by the International Code Council carrying forward specified existing California amendments of the 2001 California Building Code (CBC); and significantly amending sections regarding acute care hospital facilities service space.

SECTIONS 1201 to 1210

These sections were adopted and adapted for coordination and clarification with OSHPD 1, 2, 3 & 4 regulations.

SECTIONS 1224 to 1227

The existing Chapter 4A, of the 2001 CBC contains requirements of service spaces in Section 420A for general acute care hospitals, Section 421A for skilled nursing facilities, Section 422A for clinics and Section 424A for correctional treatment centers. These requirements with proposed modifications will be incorporated into the 2007 edition of the CBC, Chapter 12 under new Sections 1224, 1225, 1226 and 1227, respectively.

OSHPD is proposing extensive amendments to the acute care hospital requirements that will be contained in the new Section 1224 to bring them up to current nationally recognized standards. Over the past two years, OSHPD staff developed the amendments in coordination with the Hospital Building Safety Board. The committee established the following problem statement:

"To review and evaluate current requirements in Section 420A that are outdated. Many of the room sizes and requirements for space, layout, and equipment have not kept pace with the changes in the practice of medicine and the delivery of healthcare services. Additionally, no requirements exist to support many current medical procedures and technologies."

The proposed amendments are based on the nationally recognized standards of the American Institute of Architects Academy of Architecture for Health, "Guidelines for Design and Construction of Hospital and Health Care Facilities" (AIA Guidelines). These guidelines were selected as a base of comparison between the current code because of the history and national accreditation of the publication, and that they have been adopted by over 30 states for regulating hospital design. The Department of Health and Human Services (DHHS) staff uses the AIA Guidelines to assess Department of Housing and Urban Development applications for hospital mortgage insurance and for Indian Health Service construction.

The 2001 CBC hospital space requirements were compared to the AIA Guidelines. Where current 2001 CBC requirements were not addressed in the AIA Guidelines they are being carried forward and renumbered or relocated for correct placement in the 2007 CBC. The AIA Guidelines sections have been used in their entirety or incorporated into

current code when the AIA Guidelines did not address current code adequately, or use proper code enforcement language.

The AIA Guideline language frequently refers to a functional program for meeting some spatial requirements. California regulations are based on Department of Health Services (DHS), Licensing Agency regulations which do not include a functional program requirement. The licensing regulations of DHS require compliance with building standards of Title 24 CCR. Consequently, AIA guidelines language often had to be adapted for use in California.

The proposed standards for hospital room sizes would be applicable for new construction only. Existing buildings may retain current code room sizes when renovating existing service space, but must comply with the new standards when change of use take place.

Where applicable, regulations from the Title 22, California Code of Regulations (CCR) have also been incorporated into the proposed regulations. Language reducing requirements for Small and Rural Hospitals has been incorporated.

Besides formatting changes to conform to the IBC, OSHPD is proposing minor amendments to the current Section 421A for skilled nursing facilities, Section 422A for clinics, and Section 424A for correctional treatment centers. These change coordinate language used in the new Section 1224, and where applicable keeps language that was changed from Section 420A.

Finally, existing code language that is being relocated to the IBC has been examined for accuracy, to remove duplication, and to clarify intent.

SECTIONS 1201 to 1210

Section 1203.1 General:

Editorial changes were made.

Section 1203.2.1 Openings into attic:

Editorial changes were made.

Section 1203.4.2.1 Bathrooms:

Editorial changes were made.

Section 1204.1 Equipment and systems:

Coordinate with the California Mechanical Code.

Section 1205.4.1 Controls:

Editorial changes were made.

Section 1206.3.3 Court drainage:

Editorial changes were made.

Section 1208.2 Minimum ceiling heights:

Coordinate minimum ceiling heights with Sections 1224, 1225, 1226, and 1227.

Section 1208.2.1 Furred ceiling:

Coordinate with sections 1224, 1225, 1226, and 1227.

Section 1209.3 Mechanical appliances:

Editorial changes were made.

SECTION 1224

Section 1224 [FOR OSHPD 1] HOSPITALS:

This is the new Section number to be used for Hospital regulations in the IBC.

Section 1224.1 Scope, 1224.2 Application:

Relocated from 2001 CBC Sections 420A.1 and 420A.2. Editorial changes were done in order to update and correct existing language to the new International Building Code (IBC) numbering and format.

Section 1224.3 Definitions:

Relocated from 2001CBC Section 420A.3. Editorial changes were done in order to update existing language to the proposed IBC format. New definitions from the AIA Guidelines were added to further defined language provided in new sections. Sensor operated fixture language was added to HANDWASHING FIXTURE, as it is currently allowed by the California Plumbing Code. CLEAR FLOOR AREA definition is derived from different uses in both the current code and AIA guidelines and consolidated here.

Section 1224.4 General Construction:

The entire section is relocated from 2001CBC Section 420A.4. Editorial changes were made in order to update and correct existing language. Section 420A.4.4 Outpatient waiting room was deleted as it duplicated Section 1224.38 Outpatient service space.

Section 1224.4.4 Examination or Treatment room:

The header has been changed to "Examination or Treatment Room". This was necessary to clarify the fact that these are rooms that have different function. "Unless specified elsewhere" was added because in specific sections there may be additional requirements. "The room shall contain a handwashing fixture" has been added for clarification and consistency with the style of the rest of the proposed regulations where handwashing fixtures are specifically required. The requirement is currently in the California Plumbing Code.

Section 420A.4.5 Outpatient waiting rooms.

This section has been deleted because it is redundant with Section 1227.22 Outpatient Services. Additionally wheelchair access is required in CBC Chapter 11B and the American Disabilities ACT (ADA), so that language is not required.

Section 1224.4.6 Oxygen, Vacuum and Medical Air

This section is added to consolidate medical air requirements under this "General Construction" section.

Section 1224.4.6.1 Outlets/Inlets and Table 1224.2 STATION OUTLETS FOR OXYGEN, VACUUM (SUCTION), AND MEDICAL AIR:

This section and table incorporate the AIA Guidelines.

Section 1224.4.6.2 Gas and vacuum systems, 1224.7.3 Hyperbaric Facilities, 1224.4.7.4 Laboratories:

The sections were relocated from 2001 CBC Section 423A. It is more appropriate that they be located in the general construction section rather than in a major section of their own.

1224.4.6.5 Bulk oxygen systems:

Relocated from 2001 CBC.

Section 1224.4.9.1 Windows Exception 2:

This section has been deleted as it has been replaced with language from the AIA Guidelines in new section 1224.29.1.6.

Section 1224.4.11.1 Exception 2:

This section has been relocated from section 420A.9.5. This section is best expressed as an additional exception under "Interior finishes" rather than a section of its own.

Section 1224.4.13.1 Patient:

The patient elevator's minimum opening dimension requirement of 3 feet 8 inches has been increased to 4 feet 0 inches in order to conform to the AIA Guidelines.

Section 1224.4.15 Housekeeping room:

This section has been added to define the minimum requirements for the use of "Housekeeping room" throughout the regulations. For clarity and consistency, this replaces the term "janitor's closet"

Section 1224.4.17 Telephones. This section is necessary to provide patients with ability to communicate with person outside of the hospital.

BASIC SERVICES

Section 1224.14 NURSING SERVICE SPACE:

This section incorporates the AIA Guidelines. Existing facility planning has been accommodated with exceptions that allow for existing buildings to renovate their spaces using 2001CBC requirements. Existing sections from CBC Part 2, Volume 1 have been relocated.

Section 1224.14.3 Airborne Isolation Rooms:

This section has been relocated from 2001 CBC Section 420A.14.6 Negative pressure isolation rooms. The name has been changed to conform to the AIA Guidelines.

Section 1224.14.3.1 Anteroom doors:

This language has been adapted from the AIA Guidelines for these types of rooms. This requirement is needed in order to protect the room from the doors being left open.

Section 1224.14.3.3 Secondary Entry:

Language has been deleted that referred to these doors in other code sections. With the addition of Section 1224.14.3.4 Sealed-tight room, this language is no longer necessary.

Section 1224.14.3.4 Sealed-tight room:

This section is adapted from the AIA Guidelines. The rooms need to be sealed in order to be effective.

Section 1224.14.4 Protective environment rooms:

This section has been relocated from 2001 CBC Section 420A.14.7 Positive pressure isolation rooms. The name has been changed to conform to the AIA Guidelines.

Section 1224.14.4.2 Anteroom doors:

This language has been adapted from the AIA Guidelines for these types of rooms. This requirement is needed in order to protect the room from the doors being left open.

Section 1224.14.4.5 Sealed-tight room:

This section is adapted from the AIA Guidelines. The rooms need to be sealed in order to be effective.

Section 1224.15 SURGICAL SERVICE SPACE:

This section is adapted from the AIA Guidelines.

Section 1224.15.3.5 Scrub facilities:

This section has been relocated from 2001 CBC Section 420A.15.3. Additional language has been adapted from the AIA guidelines clarifying that the location of the scrub sinks shall be outside of the sterile core.

Section 1224.15.3.6 Clock:

This section has been relocated from 2001 CBC Section 420A.15.4.

Section 1224.16 ANESTHESIA SERVICE SPACE:

This section is adapted from the AIA Guidelines.

Section 1224.17 CLINICAL LABORATORY SERVICE SPACE:

This section has been relocated from 2001 CBC Section 420A.17. Additional requirements have been adapted from the AIA Guidelines.

Section 1224.18 RADIOLOGICAL/IMAGING SERVICE SPACE:

Section 420A.18.1 Minimum requirements has been relocated to Section 1224.18.1. Sections 1224.2 through 1224.7 have been adapted from the AIA Guidelines.

Section 1224.19 PHARMACEUTICAL SERVICE SPACE:

This section has been relocated from 2001 CBC Section 420A.19. Language has been added that specifies that the room or service space design is regulated by standards found in Title 16 CCR. The requirement for outpatient waiting area has been deleted because it has been determined that it should not be a requirement. Additional language for a handwashing fixture and location of the service near a toilet and locker have been adapted from the AIA Guidelines.

Section 1224.20 DIETETIC SERVICE SPACE:

This section has been adapted from the AIA Guidelines.

Section 1224.20.3 Outside service:

This section has been relocated 2001 CBC Section 420A.20.9. Additional language has been added specifying that this service must be approved by the Department of Health Services, Licensing Agency.

SUPPORT SERVICES**Sections 1224.21 through 1224.27:**

These sections have been relocated from 2001 CBC Sections 420A.21 through 420A.27. Formatting and editorial changes have been done for coordination with the rest of the regulations.

SUPPLEMENTAL SERVICES – GENERAL ACUTE HOSPITAL**Section 1224.28 SUPPLEMENTARY SURGERY SERVICES**

This section has been adapted from the AIA Guidelines. The square footage requirement of 650 square feet is for consistency with CCR Title 22 §70439(b)(1).

Section 1224.29 INTENSIVE CARE UNITS

This section has been adapted from the AIA Guidelines. Section 1224.29.1 language has been added for clarity. Section 1224.29.1.1 has been relocated from 420A.36.1 and retains the minimum and maximum number of beds allowed in an Intensive Care Unit.

Section 1224.30 PEDIATRIC AND ADOLESCENT UNIT

This section has been adapted from the AIA Guidelines. The requirement for a pediatric unit based on the number of licensed pediatric beds has been relocated from 2001 CBC Section 420A.41. Section 1224.30.3.1 has been relocated from 2001 CBC Section 420A.41.2

Section 1224.31 PSYCHIATRIC NURSING UNIT

This section has been relocated from 2001 CBC Section 420A.44. Additional language has been adapted from the AIA guidelines.

Section 1224.32 OBSTETRICAL FACILITIES (PERINATAL UNIT SPACE)

This section has been adapted from the AIA Guidelines. Sections 420A.42.1.8, 420A.42.1.10 and 420A.42.1.11 have been relocated from 2001 CBC. Section 420A.42.1.6 has been relocated from 2001 CBC and amended for clarity.

Section 1224.33 EMERGENCY SERVICE

This section has been adapted from the AIA Guidelines.

Section 1224.34 NUCLEAR MEDICINE

Section 1224.34.3.1 Radiotherapy Therapy Space:

Relocated from 2001 CBC Section 420A.45 and includes editorial and formatting changes. The dimensional requirements for the examination room have been deleted here as they are redundant with the General Requirements Section 1224.4.2

Section 1224.34.3.2 through 1224.34.3.7:

These sections have been adapted from the AIA Guidelines.

Section 1224.35 REHABILITATION THERAPY DEPARTMENT:

This major section is adapted from the AIA Guidelines. It is used to group the following sub-sections:

Section 1224.35.1 Rehabilitation Center Space:

Relocated from 2001 CBC Section 420A.46. Editorial and formatting changes were made for consistency. Language from section 1224.14.1.2 was added to clarify requirements for calculating patient bedroom size.

Section 1224.35.2 Physical therapy and 1224.35.3 Occupational therapy

These sections have been adapted from the AIA Guidelines.

Section 1224.35.3 Occupational Therapy Service Space

This section has been adapted from the AIA Guidelines.

Section 1224.35.4 Speech Pathology and/or Audiolgy Service Space:

Relocated from 2001 CBC Section 420A.51. Editorial and formatting changes were made.

Section 1224.38 RENAL DIALYSIS SERVICE SPACE (ACUTE AND CHRONIC):

Language has been adapted from the AIA Guidelines.

Section 1224.37 Intermediate-care Service:

Relocated from 2001 CBC Section 420A.37.

Section 1224.38 RESPIRATORY THERAPY SERVICE SPACE

This section has been adapted from the AIA Guidelines.

Section 1224.39 Outpatient Service Space:

Relocated from 2001 CBC Section 420A.39.

Section 1224.39.1 Outpatient Surgery:

Relocated from 2001 CBC Section 420A.40. Editorial and formatting changes were done. Preoperative patient holding in accordance with Section 1224.15.2 was added from the AIA Guidelines. Services areas are coordinated with the requirements of the AIA Guidelines for a surgery unit. Housekeeping language is adapted from the AIA Guidelines.

Section 1224.40 Skilled Nursing Space:

Relocated from 2001 CBC Section 420A.49. Editorial and formatting changes were done.

Section 1224.41 Social Service Space:

Relocated from 2001 CBC Section 420A.50. Editorial and formatting changes were done.

Table 1224.1 ACCEPTABLE CEILING AND CARPET LOCATIONS:

Relocated from 2001 CBC Table 420A-A. Editorial changes were made to coordinate with proposed language. Airborne Infection Isolation and Protective Environment room finishes for all facilities were changed to a smooth finish so as to allow for ease of cleaning and to inhibit growth of micro organisms. Similarly, the requirement for a sealed-tight room has been added.

Table 1224.2 STATION OUTLETS FOR OXYGEN, VACUUM (SUCTION), AND MEDICAL AIR:

This table has been adapted from the AIA Guidelines.

SECTION 1225**Section 1225 [FOR OSHPD 2] – SKILLED NURSING AND INTERMEDIATE-CARE FACILITIES:**

Relocated from 2001 CBC Section 421A. Editorial and formatting changes have been made to coordinate new definitions and terms used in the new 1224 section.

Section 1225.4 Nursing Service Space:

Language that was referencing 420A sections have been relocated to this section. Some of the language has been deleted as it is not applicable to Skilled Nursing Facilities. The existing 421A.4 Exceptions 1 through 6 have been deleted as they are now unnecessary.

Section 1225.5 Dietetic Service Space:

Language that was referencing 420A sections have been relocated to this section.

Section 1225.9.2.1 Minimum Requirements:

Language that was referencing 420A sections have been relocated to this section.

Section 1225.9.2.2 Sterilizers:

Language that was referencing 420A sections have been relocated to this section.

Section 1225.10 Storage:

Language that was referencing 420A sections have been relocated to this section.

Section 1225.12 Housekeeping rooms:

Language that was referencing 420A sections have been relocated to this section. Language has been changed from Janitorial and janitors' to housekeeping for clarity and consistency with Section 1224.

Section 1225.13 Laundry:

Language that was referencing 420A sections have been relocated to this section.

Section 1225.14.1 Outpatient waiting rooms:

Language that was referencing 420A sections have been relocated to this section.

Section 1224.14.2 Circulation:

Language that was referencing 420A sections have been relocated to this section.

SECTION 1226

Section 1226 [FOR OSHPD 3] – CLINICS:

Relocated from 2001 CBC Section 422A. Editorial and formatting changes were made.

Section 1226.11.1 Cab requirements:

Language has been coordinated with most appropriate IBC code section.

Section 422A.16.6

This section has been deleted as it is required by the California Electrical Code.

SECTION 1227

Section 1227 [For OSHPD 4] CORRECTIONAL TREATMENT CENTERS

Relocated from 2001 CBC Section 424A. Editorial and formatting changes have been made for clarity and conformance with the IBC.

Section 424A.10.1

This section was deleted as it is unnecessary.

1227.12.3.2 Anteroom Doors.

This section has been adapted from the AIA Guidelines.

1227.12.3.4 Secondary Entry:

Language has been deleted that referred to for these doors in other code sections. With the addition of Section 1227.12.3.6 Sealed-tight room, this language is no longer necessary.

1227.12.3.6 Sealed-tight room.

This section has been adapted from the AIA Guidelines.

1227.12.4.1 Anteroom Doors.

This section has been adapted from the AIA Guidelines.

12247.12.4.3 Sealed-tight room.

This section has been adapted from the AIA Guidelines.

Section 423A [FOR OSHPD 1, 2, 3 &4] – HEALTH FACILITY SYSTEMS:

OSHPD has relocated and deleted parts of Section 423A. Section 423A.1 Gas and vacuum systems has been relocated to 1224.4.7.2; Section 423A.2 Hyperbaric Facilities has been relocated to Section 1224.4.7.3; Section 423A.3 Laboratories has been relocated to Section 1224.4.7.4. This was done in order to place the section under the more appropriate 1224.4 General construction section. Sections 423A.4 Design Requirements for Ethylene Oxide (ETO) Sterilization Areas has been moved to the California Mechanical Code.

TECHNICAL, THEORETICAL, AND EMPIRICAL STUDY, REPORT, OR SIMILAR DOCUMENTS:

Guidelines for Design and Construction of Hospital and Health Care Facilities, The American Institute of Architects Academy of Architecture for Health, The Facilities Guidelines Institute, With assistance from the U.S. Department of Health and Human Services, Second Printing: October 2001.

Guidelines for Design and Construction of Hospital and Health Care Facilities, The American Institute of Architects Academy of Architecture for Health, The Facilities Guidelines Institute, With assistance from the U.S. Department of Health and Human Services, 2006 FINAL MANUSCRIPT FOR VOTE

"Guidelines for Intensive Care Unit Design", Society of Critical Care Medicine, 1995

Title 22, California Code of Regulations

CONSIDERATION OF REASONABLE ALTERNATIVES

No reasonable alternatives exist.

REASONABLE ALTERNATIVES THE AGENCY HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS.

No adverse impact on small business.

FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE IMPACT ON BUSINESS.

No adverse impact on business.

DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS

Not applicable.